

What is claimed is:

1. A sport goggle for wearing on the face of a user having an improved air venting system to enhance air flow through the goggle, comprising:

5 a goggle body having an exterior surface and an interior surface and having a lens aperture surrounded by a top wall, a bottom wall, and two sidewalls;

a lens mounted in said lens aperture, said lens having a top lens portion adjacent to said top wall of said goggle body and a
10 bottom lens portion adjacent to said bottom edge of said body;

an eye cavity formed between the face of the wearer, the lens, said interior surface of said goggle body when said goggle body is mounted on the face of said wearer;

a ledge formed in said exterior surface of said goggle body
15 projecting forward adjacent to said bottom lens portion;

at least one lower intake aperture in goggle body, said intake aperture in communication with said eye cavity;

at least one venting aperture communicating through said goggle body with said eye cavity; and

20 at least one channel formed in an upper surface of said ledge, said channel dimensioned to focus air approaching said channel from diverse angles, onto said lower intake aperture, whereby air entering said lower vent aperture is pressurized by said channel thereby pressurizing air flow through said lower
25 intake aperture into said eye cavity wherein said air flow exits

through said venting aperture.

2. The sport goggle as defined in claim 1 further comprising:

said at least one venting aperture is located in said side
5 wall of said goggle body;

said exterior surface of said goggle body between said lens
and said venting aperture is a curved surface;

a low air pressure area immediately adjacent to said venting
aperture when moving air travels over said curved surface; and

10 whereby air flow through said eye cavity is enhanced by
said low pressure area acting to draw higher pressure air in said
air cavity through said venting aperture.

3. The sport goggle as defined in claim 1 further comprising:

15 one or a plurality of upper intake apertures communicating
with said eye cavity adjacent to said top wall.

4. The sport goggle as defined in claim 2 further comprising:

20 one or a plurality of upper intake apertures communicating
with said eye cavity adjacent to said top wall.

5. The sport goggle as defined in claim 3 further comprising:

a ridge projecting from said top wall adjacent to said upper intake apertures; and

said ridge curved to direct airflow thereover creating an upper high air pressure area adjacent to said upper intake apertures whereby air flow communicating through said upper intake apertures with said eye cavity is pressurized.

6. The sport goggle as defined in claim 4 further comprising:

a ridge projecting from said top wall adjacent to said upper intake apertures; and

said ridge curved to direct airflow thereover creating an upper high air pressure area adjacent to said upper intake apertures whereby air flow communicating through said upper intake apertures with said eye cavity is pressurized.

7. The sport goggle as defined in claim 1 further comprising:

one or a plurality of body intake apertures communicating through said bottom wall with said eye cavity.

8. The sport goggle as defined in claim 2 further comprising:

one or a plurality of body intake apertures communicating through said bottom wall with said eye cavity.

9. The sport goggle as defined in claim 3 further comprising:
one or a plurality of body intake apertures communicating
through said bottom wall with said eye cavity.

5 10. The sport goggle as defined in claim 4 further comprising:
one or a plurality of body intake apertures communicating
through said bottom wall with said eye cavity.

10 11. The sport goggle as defined in claim 5 further comprising:
one or a plurality of body intake apertures communicating
through said bottom wall with said eye cavity.

15 12. The sport goggle as defined in claim 6 further comprising:
one or a plurality of body intake apertures communicating
through said bottom wall with said eye cavity.

13. The sport goggle as defined in claim 1 further comprising:
one or a plurality of body venting apertures communicating
through said top wall with said eye cavity.

20 14. The sport goggle as defined in claim 2 further comprising:
one or a plurality of body venting apertures communicating
through said top wall with said eye cavity.

15. The sport goggle as defined in claim 4 further comprising:
one or a plurality of body venting apertures communicating
through said top wall with said eye cavity.

5 16. The sport goggle as defined in claim 5 further comprising:
one or a plurality of body venting apertures communicating
through said top wall with said eye cavity.

10 17. The sport goggle as defined in claim 6 further comprising:
one or a plurality of body venting apertures communicating
through said top wall with said eye cavity.

15 18. The sport goggle as defined in claim 8 further comprising:
one or a plurality of body venting apertures communicating
through said top wall with said eye cavity.

19. The sport goggle as defined in claim 11 further comprising:
one or a plurality of body venting apertures communicating
through said top wall with said eye cavity;

20 said ridge having a curved ridge surface shaped to direct
air thereover to thereby create a second low air pressure area
immediately adjacent to said body venting aperture when moving
air travels over said curved ridge surface; and

whereby air flow through said eye cavity is enhanced by
25 said second low pressure area acting to draw higher pressure air

in said air cavity through said body venting aperture.

20. The sport goggle as defined in claim 12 further comprising:

one or a plurality of body venting apertures communicating
5 through said top wall with said eye cavity;

said ridge having a curved ridge surface shaped to direct
air thereover to thereby create a second low air pressure area
immediately adjacent to said body venting aperture when moving
air travels over said curved ridge surface; and

10 whereby air flow through said eye cavity is enhanced by
said second low pressure area acting to draw higher pressure air
in said air cavity through said body venting aperture.

21. The sport goggle as defined in claim 2 further comprising:

15 an aperture gate dimensioned for cooperative engagement in
said venting aperture, said aperture gate allowing air flow
therethrough and having moisture absorbent material therein.

22. The sport goggle as defined in claim 2 further comprising:

20 an aperture gate dimensioned for cooperative engagement said
at least one venting aperture, said aperture gate allowing a
determined amount of air flow therethrough to thereby provide a
means to regulate the quantity of airflow through said venting
aperture.

23. The sport goggle as defined in claim 1 further comprising:
at least one additional lower intake aperture in said lens,
said intake aperture in communication with said eye cavity; and
at least one additional channel formed in an upper surface
5 of said ledge, said additional channel dimensioned to focus air
approaching said channel from diverse angles, onto said
additional lower intake aperture, whereby air entering said
additional lower vent aperture is pressurized by said additional
channel thereby pressurizing air flow through said additional
10 lower intake aperture into said eye cavity wherein said air flow
exits through said venting aperture.

24. The sport goggle as defined in claim 2 further comprising:
at least one additional lower intake aperture in said lens,
15 said intake aperture in communication with said eye cavity; and
at least one additional channel formed in an upper surface
of said ledge, said additional channel dimensioned to focus air
approaching said channel from diverse angles, onto said
additional lower intake aperture, whereby air entering said
20 additional lower vent aperture is pressurized by said additional
channel thereby pressurizing air flow through said additional
lower intake aperture into said eye cavity wherein said air flow
exits through said venting aperture.